IAP15 Rec'd PCT/PTO 22 SEP 2006

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007, OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 442P105

DESIGNATED/ELECTED CONCERNING A SUBMISSIO	U.S. APPLICATION NOT (If kinown, see 37 CFR 1.5)							
INTERNATIONAL APPLICATION NO. PCT/JP2004/005768	INTERNATIONAL FILING DATE 22 April 2004	PRIORITY DATE CLAIMED						
TITLE OF INVENTION	A TATALO N. GUDGETENIED TA	DOLE DEDITION						
FI.F.A CONTROL AGENT CONTA	FLEA CONTROL AGENT CONTAINING N-SUBSTITUTED INDOLE DERIVATIVE							
Satoshi Tanabe, Hiroki l	Satoshi Tanabe, Hiroki Hotta, Tetsuya Toya and Katsuhiko Hosoda							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2. This is a SECOND or SUBSEQUENT'S	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3. X This is an express request to begin nation (5), (6), (9) and (21) indicated below.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. X The US has been elected (Article 31).	The US has been elected (Article 31).							
5. X A copy of the International Application	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
a. is attached hereto (required	a. is attached hereto (required only if not communicated by the International Bureau).							
	b. X has been communicated by the International Bureau.							
_	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. An English language translation of th	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
a. X is attached hereto.								
b. has been previously submi	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7. X Amendments to the claims of the Inte	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
a. are attached hereto (requi	a. are attached hereto (required only if not communicated by the International Bureau).							
b. Have been communicated	b. have been communicated by the International Bureau.							
c. have not been made; how	c. have not been made; however, the time limit for making such amendments has NOT expired.							
d. X have not been made and	d. Kan have not been made and will not be made.							
8. An English language translation of the	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. X An oath or declaration of the invento	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s	s) or information included:							
11. An Information Disclosure Statement	t under 37 CFR 1.97 and 1.98.							
12. X An assignment document for recordi	ng. A separate cover sheet in compliance v	vith 37 CFR 3.28 and 3.31 is included.						
13. A preliminary amendment.	A preliminary amendment.							
14. An Application Data Sheet under 37	An Application Data Sheet under 37 CFR 1.76.							
15. A substitute specification.	A substitute specification.							
16. A power of attorney and/or change of	A power of attorney and/or change of address letter.							
17. A computer-readable form of the sec	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.							
	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19. A second copy of the English langua	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IAPO Rec'd PCT/PTO 22 SEP 2005

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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U.S. APPLICAT	FION NO. (if known,	see 37 CFR 1.5)	PCT/JP2004/00		ATTORNEY'S DOCKET		ET NUMBER
20. Other items or information: 1. Copy of the International Search Report.							
The foll	owing fees have b	een submitted			CALCU	LATIONS	PTO USE ONLY
21. X Basi	c national fee (37	CFR 1.492(a))\$300			\$	300.00	
22. X Examination fee (37 CFR 1.492(c))							
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations\$200					\$	200.00	
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$	400.00		
				900.00			
TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction RATE							
- 100 =	/50 =	inereor (round u	p to a whole number)	× \$250	\$	-	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$	_	
CLAIMS	NUMB	NUMBER FILED NUMBER EXTRA RATE		RATE	\$		
Total claims		10 -20=	0	× \$ 50	\$ 0		
Independent clai				\$	0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$	360.00	<u> </u>
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				\$ <u>1</u>	,260.00 -		
	-			SUBTOTAL =	\$ 1	,260.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	-		
TOTAL NATIONAL FEE =				\$ ₁	,260.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$	40.00			
TOTAL FEES ENCLOSED =					\$ 1	,300.00	
					Amount refunde		\$
					Amount charged		\$

PTO-1390 (Rev. 07-2005)

INDED Proved for use through 3/31/2007. OMB 0651-0021

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a. X	A check in the amount of \$ $1.260.00 & 40.00 to cover the above	fees is enclosed.					
b. 🔲	Please charge my Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed.	to cover the above fees.					
с. 🗓	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. $14-0930$. A duplicate copy of this sheet is enclosed.						
d. 🗆	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
:							
N 1	LLCORRESPONDENCE TO: CUSTOMER NO: 42754 Tields & Lemack 76 E. Main Street - Suite 7 Vestboro, MA 01581	Kevin S. Lemack NAME 32,579 REGISTRATION NUMBER					

10/5 03 9 4 140/19 03 22 SEP 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Satoshi Tanabe, Hiroki Hotta, Tetsuya Toya and Katsuhiko Hosoda

For: FLEA CONTROL AGENT CONTAINING N-SUBSTITUTED INDOLE DERIVATIVE

Commissioner for Patents P.O. Box 1450 Mail Stop: PCT Alexandria, VA 22313-1450

Sir:

LETTER

The above-identified applicants enclose for filing the national phase of a PCT patent application (PCT/JP2004/005768) entitled "FLEA CONTROL AGENT CONTAINING N-SUBSTITUTED INDOLE DERIVATIVE". Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (3-Pages); (2) Translation of the International Application into English: 33-Page Specification (including 3-Pages of Claims (7) and 1-Page Abstract); (3) Executed Declaration (4-Pages); (4) Check in the amount of \$1260.00 in payment of the Filing Fee; (5) Copy of the International Search Report (2-Pages); (6) Recordation Form Cover Sheet (1-Page) and Assignment (1-Page) and (7) Check in the amount of \$40.00 in payment of the Recording Fee.

All correspondence concerning this application should be mailed to: CUSTOMER NO: 42754

Kevin S. Lemack Nields & Lemack 176 E. Main Street - Suite 7 Westboro, Massachusetts 01581

Respectfully submitted,

Kevin S. Lemack

Attorney for Applicant Registration No. 32,579

Date: <u>September 22, 2006</u>

EXPRESS MAIL NO: EQ 316343465 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Satoshi Tanabe et al.

Serial No.

Not yet assigned (PCT/JP2004/005768)

Filed

Herewith by Express Mail (22 April 2004)

For

FLEA CONTROL AGENT CONTAINING N-SUBSTITUTED

INDOLE DERIVATIVE

Examiner

Not yet assigned

Art Unit

Not yet assigned

Attorney

Docket No.

442P105

Type of paper

Copy of the International Search Report

"EXPRESS MAIL" MAILING LABEL NO EQ 316343465 US DATE OF DEPOSIT: September 22, 2006

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Mail Stop: PCT, Alexandria, VA 22313-1450.

Ann Marie Mahan

Name of person mailing paper or fee

IAP9 Rec d PCT/PTO 22 SEP 2006

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Applicants

: Satoshi Tanabe et al.

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Filing Fee

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Ann Marie Mahan

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Examiner

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Art Unit

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Docket No.

442P105

Type of paper

Transmittal Letter to the United States Designated/Elected Office

(DO/EO/US) Concerning a Filing Under 35 U.S.C. 371

"EXPRESS MAIL" MAILING LABEL NO EQ 316343465 US DATE OF DEPOSIT: September 22, 2006

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Ann Marie Mahan

Name of person mailing paper of fee

- 10/593994 IAP9 Rec'd PCT/PTO 22 SEP 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Satoshi Tanabe et al.

Serial No.

Not yet assigned (PCT/JP2004/005768)

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INDOLE DERIVATIVE

Examiner

Not yet assigned

Art Unit

Not yet assigned

Attorney

Docket No.

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Type of paper

Letter

"EXPRESS MAIL" MAILING LABEL NO EQ 316343465 US DATE OF DEPOSIT: September 22, 2006

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Examiner

Not yet assigned

Art Unit

Not yet assigned

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Docket No.

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Type of paper

Translation of the International Application into English

"EXPRESS MAIL" MAILING LABEL NO EQ 316343465 US DATE OF DEPOSIT: September 22, 2006

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10/593994 IAP9 Rec'd PCT/PTO 22 SEP 2005!

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Applicants

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INDOLE DERIVATIVE

Examiner

:

Not yet assigned

Art Unit

:

Not yet assigned

Attorney

Docket No.

442P105

Type of paper

Assignment

"EXPRESS MAIL" MAILING LABEL NO EQ 316343465 US DATE OF DEPOSIT: September 22, 2006

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Applicants

Satoshi Tanabe et al.

Serial No.

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Examiner

Not yet assigned

Art Unit

Not yet assigned

Attorney

Docket No.

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Type of paper

Recording Fee

"EXPRESS MAIL" MAILING LABEL NO EQ 316343465 US DATE OF DEPOSIT: September 22, 2006...

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Ann Marie Mahan

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Not yet assigned

Art Unit

Not yet assigned

Attorney

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Type of paper

Executed Declaration

"EXPRESS MAIL" MAILING LABEL NO EQ 316343465 US DATE OF DEPOSIT: September 22, 2006

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Ann Marie Mahan

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